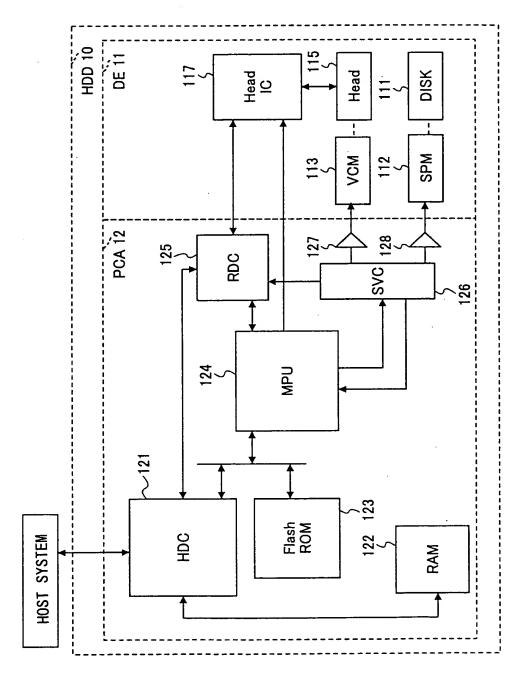


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F1G. 2



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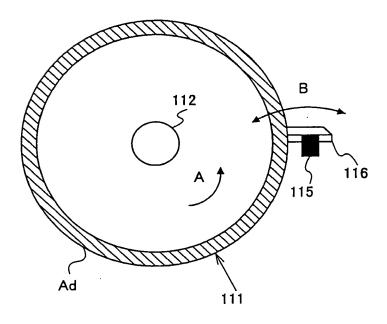
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FIG. 3



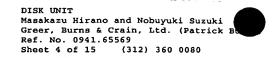


FIG. 4

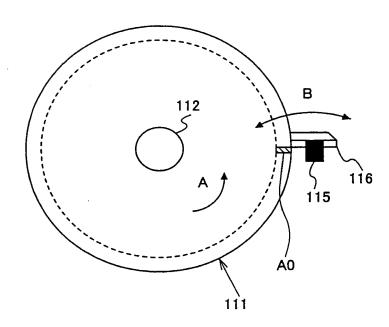
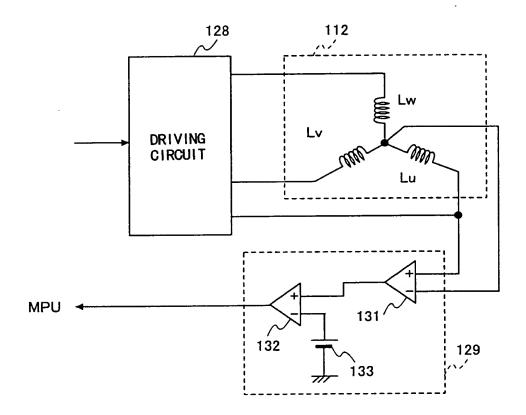
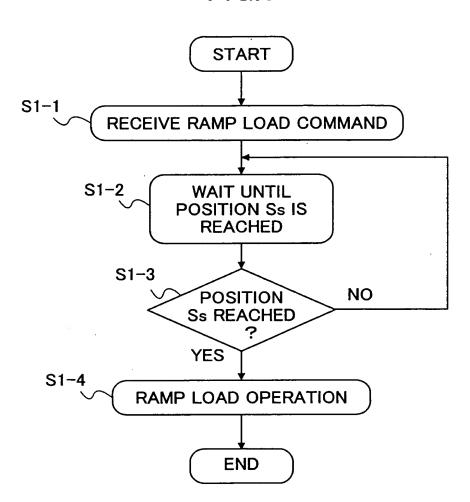


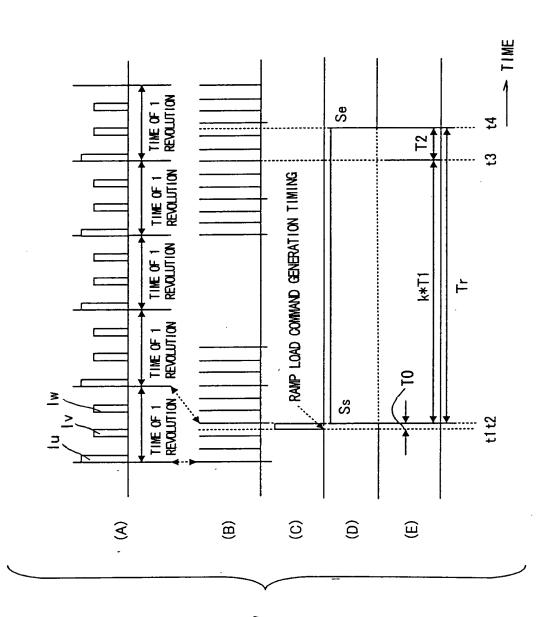
FIG. 5



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FIG.6



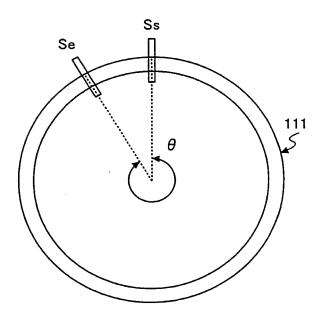


:16.7



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FIG. 8



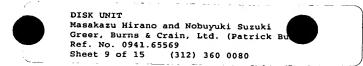
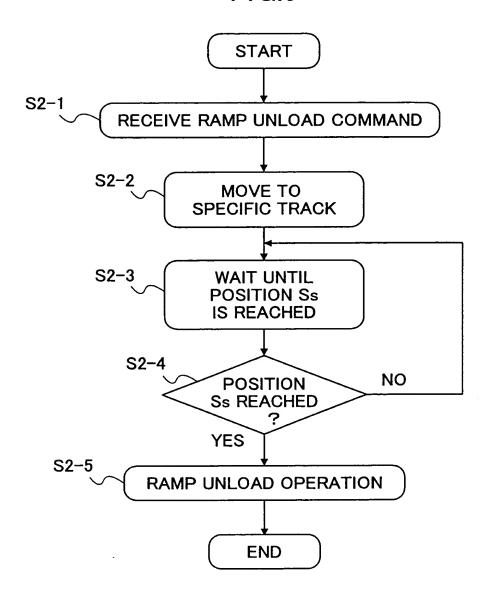


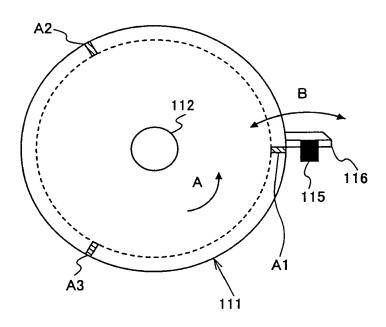
FIG.9

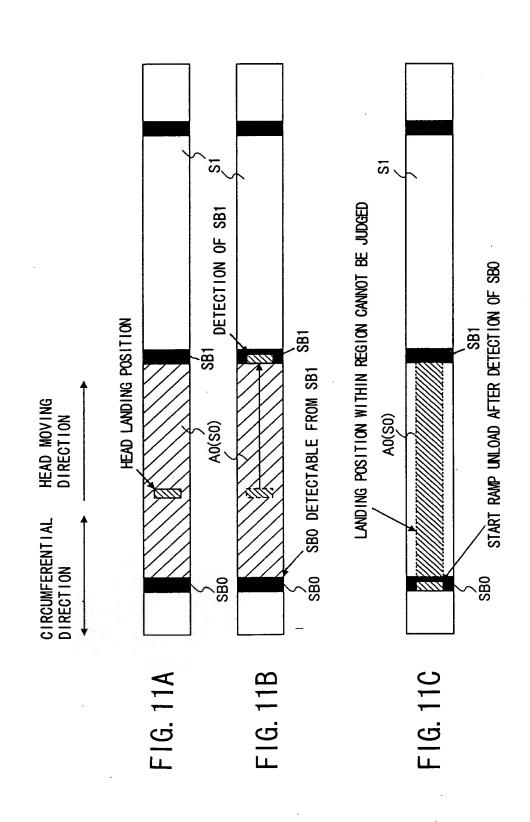


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FIG. 10





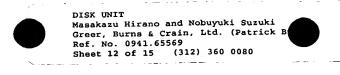


FIG. 12

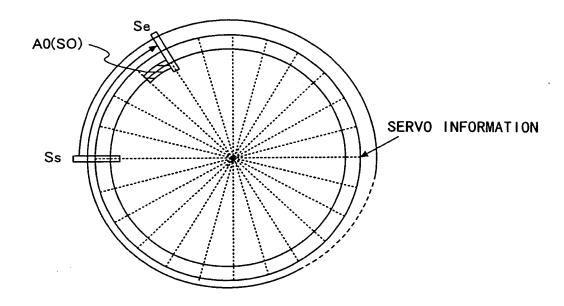
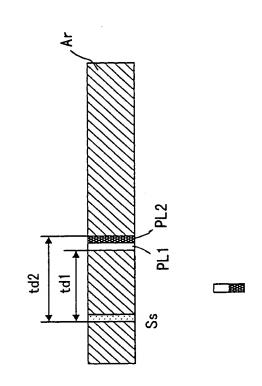
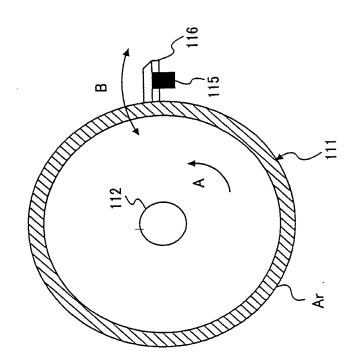


FIG. 13B



F1G. 13A



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**FIG.14 START** S3-1 RECEIVE RAMP LOAD OR UNLOAD COMMAND S3-2 READ DELAY TIMER VALUE S3 - 3WAIT FOR INDEX PULSE S3-4 **INDEX** NO PULSE RECEIVED YES S3-5 **OPERATE DELAY TIMER** S3-6 WAIT FOR RAMP LOAD OR **UNLOAD START TIME** S3-7 NO **START** TIME? YES S3-8 RAMP LOAD OR UNLOAD OPERATION S3-9 STORE NEW DELAY TIMER VALUE

**END** 

